AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows.

1. (Currently Amended) A damping support device for an exercise apparatus, in which the apparatus comprises a user interface moving part [[(2)]] and a fixed support member [[(3)]], the moving part [[(2)]] performing movements, towards or away from the fixed support member, correlated with the exchange of forces between the user and the apparatus; the device [[(1)]] comprising supporting means[[(4)]] with at least one elastic element [[(5)]] positioned between the moving part [[(2)]] and the fixed support member [[(3)]]; means [[(6)]] for damping the movements of the moving part [[(2)]] relative to the support member [[(3)]]; wherein the damping means [[(6)]] of the device [[(1)]] comprise at least one magnetic actuator [[(8)]] with a first[[,]] moving component [[(9),]] integral with the moving part [[(2)]] of the apparatus, and a second[[,]] fixed component [[(10)]], integral with the ~~relative~~ support member [[(3)]]; either [[(9; 10)]] the first component [[(9)]] or the second component [[(10)]] of the actuator [[(8)]] having an electroconductive element [[(11)]] designed to be the seat of an electromotive force, the other component [[(9; 10)]] comprising a permanent magnet[[(12)]] and a non-permanent magnet [[(13)]] , connected to one another in such a way as to form at least one air gap [[(14)]] designed to radiate a magnetic field passing through the electroconductive element [[(11)]]; electrical energizing of the electroconductive element [[(11)]] producing a reactive magnetic force which, when applied to the moving part of the first component [[(9)]] and of the second component [[(10)]], counteracts its translation in the direction [[(15)]] of the movements of the moving part [[(2)]] of the apparatus.

2. (Currently Amended) The device according to claim 1, wherein the electroconductive element [[(11)]] is the seat of an electromotive force induced in it by the movement of the first component [[(9)]].

3. (Currently Amended) The device according to claim 1, wherein the electroconductive element [[(11)]] is a core [[(40)]] of the first, moving component [[(9)]].

4. (Currently Amended) The device according to claim 1, wherein the electroconductive element [[(11)]] is an electroconductive coil [[(11)]].

5. (Currently Amended) The device according to claim 4, wherein the electroconductive element [[(11)]] is powered by an electrical generator.

6. (Currently Amended) The device according to claim 1, wherein the damping means [[(6)]] are arranged parallel with the supporting means[[(4)]].

7. (Currently Amended) The device according to claim 4 and comprising means [[(7)]] for adjusting the degree of damping, wherein the adjusting means [[(7)]] control the degree of damping by varying the size of the air gap [[(14)]].

8. (Currently Amended) The device according to claim 7, wherein the adjusting means [[(7)]] control the degree of device [[(1)]] damping by adjusting at least one of the coil [[(11)]] electrical energizing parameters.

9. (Currently Amended) The device according to claim 8, wherein the adjusting means [[(7)]] control the degree of damping by varying the coil [[(11)]] electrical resistance.

10. (Currently Amended) The device according to claim 8, wherein the adjusting means [[(7)]] control the degree of damping by varying the number of loops[[(28)]] in the coil [[(11)]].

11. (Currently Amended) The device according to claim 7, wherein the adjusting means [[(7)]] are sensitive to the forces exchanged between the user and the apparatus, electrical energizing of the coil [[(11)]] being adjusted according to the forces exchanged between the user and the apparatus.

12. (Currently Amended) The device according to claim 11, wherein the adjusting means [[(7)]] are sensitive to at least a force proportional to the weight of the user.

13. (Currently Amended) The device according to claim 11, wherein the adjusting means [[(7)]] are sensitive to at least a force proportional to the speed of a [[the]] sliding belt [[(22)]].

14. (Currently Amended) The device according to claim 8, wherein the adjusting means [[(7)]] are sensitive to the current relative position of the moving part

[[(2)]] and the support member [[(3)]], the adjusting means [[(7)]] being designed to vary electrical energizing of the coil [[(11)]] according to the relative position.

15. (Currently Amended) The device according to claim 8, wherein the adjusting means [[(7)]] are sensitive to the forces exchanged between the user and the apparatus and to the relative position of the moving part [[(2)]] and the support member [[(3)]]; the adjusting means [[(7)]] being designed to vary electrical energizing of the coil [[(11)]] according to the forces exchanged between the user and the exercise apparatus and according to the current, relative position of the moving part [[(2)]] and the support member [[(3)]].

16. (Currently Amended) The device according to claim 4, wherein the adjusting means [[(7)]] are designed to control electrical energizing of the coil [[(11)]] by control and management of an electrical voltage applied to it.

17. (Currently Amended) The device according to claim 1, wherein the electroconductive element [[(11)]] is connected to the first component [[(9)]] of the actuator [[(8)]] which moves together with the moving part [[(2)]] of the exercise apparatus.

18. (Currently Amended) The device according to claim 17, wherein the first, moving component [[(9)]] of the actuator [[(8)]] is adjacent to at least two air gaps [[(14)]] which, with reference to the direction of movement [[(15)]] of the first component [[(9)]], are reciprocally and longitudinally consecutive.

19. (Currently Amended) The device according to claim 1, wherein the electroconductive element or elements [[(11)]] are connected to the second component [[(10)]] of the actuator [[(8)]], the latter being integral with the support member [[(3)]], the one or more permanent magnets [[(12)]] being connected to the first, moving component [[(9)]] of the magnetic actuator [[(8)]].

20. (Currently Amended) The device according to claim 1, wherein the moving part [[(2)]] is designed in such a way that it forms a rest for supporting the user of the exercise apparatus.

21. (Currently Amended) The device according to claim 20, wherein the moving part [[(2)]] includes a platform [[(16)]].

22. (Currently Amended) The device according to claim 20, wherein the moving part [[(2)]] includes a surface[[(17)]].

23. (Currently Amended) The device according to claim 20, wherein the moving part [[(2)]] includes a seat cushion [[(18)]].

24. (Currently Amended) The device according to claim 20, wherein the moving part [[(2)]] includes a back cushion [[(19)]].

25. (Currently Amended) The device according to claim 20, wherein the moving part [[(2)]] includes a saddle [[(20)]].

26. (Currently Amended) The device according to claim 20, wherein the moving part [[(2)]] includes a seat [[(21)]].

27. (Currently Amended) The device according to claim 21, wherein the platform [[(16)]] is interconnected with a structure of an exercise apparatus which receives a muscular force statically exerted by the user.

28. (Currently Amended) The device according to claim 22, wherein the surface [[(17)]] is included in an exercise apparatus with a sliding belt [[(22)]] on which the user exercises with a walking movement.

29. (Currently Amended) The device according to any one of the claims from 1 to 19, wherein the moving part [[(2)]] includes an actuating element, to which the user applies a muscular force generated with his or her limbs.

30. (Currently Amended) The device according to claim 29, wherein the actuating element includes a handle [[(23)]] which can be used by the user.

31. (Currently Amended) The device according to any one of the claims from 1 to 19, wherein the moving part [[(2)]] and the support member [[(3)]] are operatively

connected to at least one weight [[(25)]] designed to generate a reaction to a driving action applied by the user.